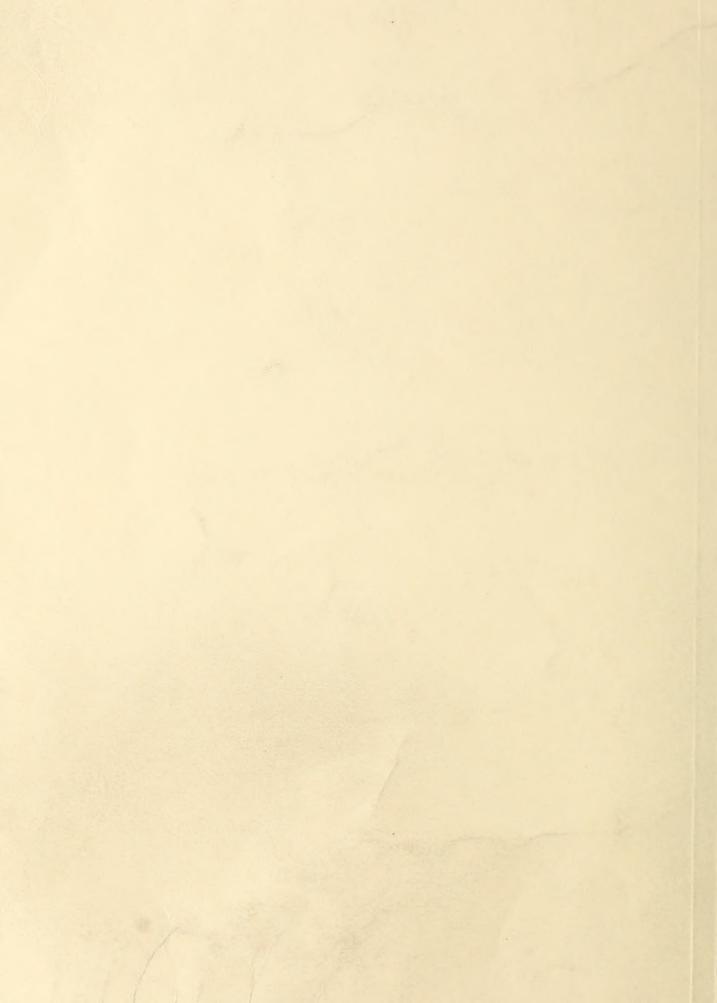
Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

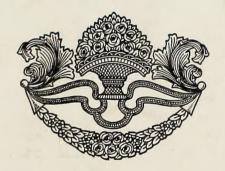


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1911

GRASS, AGRICULTURAL AND GARDEN

SEEDS



OFFERED BY

ALFRED J. BROWN SEED CO.

GROWERS, MERCHANTS AND IMPORTERS

GRAND RAPIDS, MICH.



ESTABLISHED 1885

GOOD SEEDS TO THE SEED BUYER

THE success of the farm or garden depends principally upon good seeds. No matter how good the land, or how favorable the season, poor seeds will result only in bringing sad disapointments.

Low grade seeds, or seeds not adapted to our climate are not cheap at half price. We have been talking good seeds twenty years or more. We have been selling good seeds twenty years or more. You know **Good Seeds** cost a little more, but they are worth much more.

Do not get fooled. Abraham Lincoln used to say: "You can fool some people all the time, you can fool all the people some time, but you can't fool all the people

all the time.'' The Farmer as well as the Gardner is getting pretty wise. Most of them say, "You must show me.' That is just what we want to do—show you that the seeds we sell are all we claim for them.

We have been actually engaged in seed growing for more than twenty years. Our knowledge of the business is worth something to you, as well as to ourselves. The greatest asset we enjoy today is a good reputation. We employ the most careful methods in handling our seeds so as to avoid any possible mistakes. No seeds of any kind are sent out until they are first tested so that we know they will grow. (Season permitting).

We positively refuse to handle or send out any seeds that we do not believe to be good, and only such seeds as we believe will give the best satisfaction.

SPECIAL NOTICE:

As there are so many contingencies that may arise at planting time, such: as sowing too deep, too shallow, or in soil that is too wet and cold, or land that is too dry, late frosts, floods or drouth, Cut worms that destory the plants before they are visible, and various other causes, we, in common with other seed dealers give no warranty express or implied as to description, purity, productiveness or any other matter, of any seeds, bulbs or plants we send out, and we will not in any way be responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once and the money paid for same will be refunded.

ORDERS:

We pay postage on packets, also seed by the ounce or quarter pound. Our prices, however, will not permit us to pay postage on pounds, pints or quarts. Such quantities, as well as pecks and bushels are F. O. B. Grand Rapids. No charge for cartage. When ordering Clover or Grass seeds which require grain bags, add 20 cents each for bags. No charge will be made for gunny sacks or boxes. To insure prompt service, always send the money with your order and give full address.



OUR QUARTERS SINCE 1905





Improved Pea Bean

When we introduced this splendid new type of Pea or Navy Field Bean two years ago, we did not over estimate its great value. Farmers who have planted it right along beside the Common Pea Bean, can not speak too highly of it. Its value as a Field Bean lies in the fact of its very uniform size, earliness, and its uniformity in ripening. Furthermore, its habit of growth holds the pods well up off the ground, so that very few get damaged, and in consequence very little or no handpicking is necessary. We have received many unsolicited testimonials as to its yielding qualities and it is safe to say that at least one-third more Beans can be grown to the acre.

The Beans will always bring the top price, and in a good many instances a little more than prices being paid by Elevator Men throughout the State for Common Pea Beans.

The Seed Beans we offer have been carefully grown and any plants that did not appear to resemble the true type were taken out, so that you can count upon our stock being pure. **Price Per Bushel \$3.00**, put up in sealed bags of two bushels. No charge for bags.

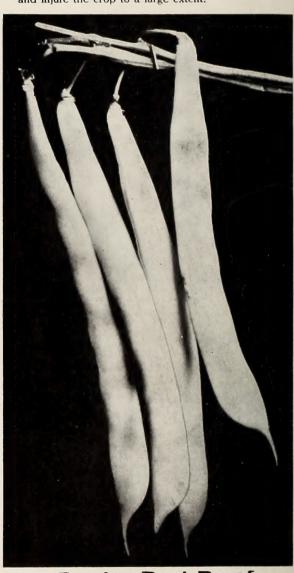
Challenge Black Wax



Davis Kindney Wax

BEANS

There is nothing that responds more readily to go I rultivation and soil than beans. We advise fall plowing to insure best results. The land that is best adapted to beans is medium rich, well drained loam, which has been fertilized for a previous crop. As the plant is sensitive to both cold and wet, they should not be planted until the ground has become dry and warm. While the largest returns are obtained from planting in drills from two to three feet apart, good results may be had from planting in hills two feet apart each way. It is not necessary to give the bean crop deep cultivation. If the ground is kept clean up till the time of blossoming, and the season favorable, success is sure. It is detrimental to the crop to cultivate after beans begin to set, as it will cause them to blast and injure the crop to a large extent.



Curries Rust Proof



Dwarf Golden Wax

This photo halftone illustrates a single plant of the old fashioned type of Golden Wax introduced many years ago by D. M. Ferry & Co. It is still a favorite in this market. This bean is also known as Speckled Golden Wax or Butter Bean. Pods flat and broad, very fleshy, of golden yellow clear to the tips of the pods. Very productive and a great favorite with market gardeners in our home market.

Dwarf Golden Wex

BEANS—Dwarf Wax Sorts

Davis Videor W.	QT.	PK.	BU.		QT.	P	ĸ.	В	U.
Davis Kidney Wax Wardwell's Kidney Wax	25 \$ 25	1 50	\$5 50 5 50	Pencil Pod Black Wax					
Dwarf Golden Wax	25	1 50	5 50	Curries Rust Proof					
Challenge Black Wax	25	1 50	5 50						
German Black Wax	25	1 50	5 50	Michigan White Wax	25	1	50	5	50



Burpee's Stringless Green Pod

Burpee's Stringless Green Pod Bean

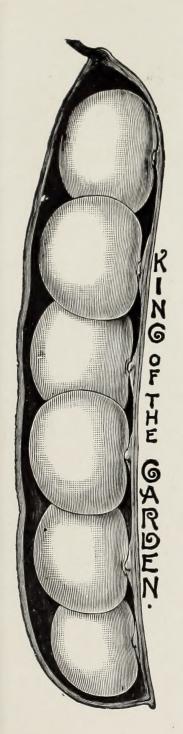
Our trials of the Burpee's Stringless Green Pod Bean have convinced us beyond a question of doubt that this Bean stands without a rival among the green podded sorts. It has held its own for many years past in spite of the many new introductions of green podded varieties, and we consider it superior in quality to all others. Plants produce a profusion of long round pods. Is absolutely stringless and is brittle at all stages of growth, very tender and good flavor.

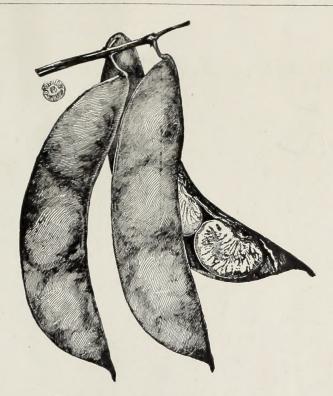
Is not so popular with shippers of Green Beans from the South, but it is by far the best early green podded variety for local market garden trade, as well as the home garden.

BEANS Dwarf Green Podded

	QT.	PK.	BU.	
Burpee's StringlessGreenPod	25\$	1 50 8	\$5 50	Royal
Extra Early Red Valentine	25	1 25	4 50	Large
Extra Early Refugee	25	1 25	4 50	Impro
Refugee or Thousand to One	25	1 25	4 50	Impro
Dwarf Horticultural	25	1 40	5 00	

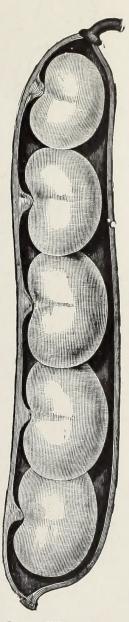
	QT.		PK.	BU.
Royal White Dwarf Kidney	20	\$1	00	\$3 50
Large White Marrow	20	1	00	3 50
Improved Red Kidney	20	1	00	3 50
Improved Pea or Navy	20		85	3 00





Sieberts or Early Jersey Lima





Large White Lima

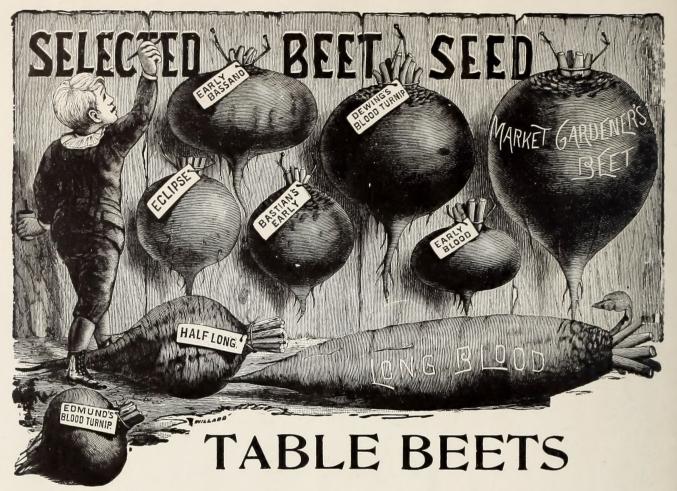
Burpee's Bush Lima

LIMA BEANS

Burpee's Bush Lima 30 \$2 00 \$7 00 Henderson's Bush Lima 30 2 00 7 00 King of the Garden 30 1 75 6 50 Sieberts or Jersey 30 1 75 6 50

POLE BEANS

	QT.	P.	PK.		U.
London Horticultural	30	\$1	75	\$6	50
Dutch Case Knife			60		
Kentucky Wonder			60		
White Creaseback			60		



Crosby's Extra Early Egyptian Beet

This is a superior strain of the well-known Egyptian Beet, carefully selected by Mr. Crosby, a well-known eastern market gardener, whose aim was to secure an extra early forcing variety. It is at least a week earlier than any of the table beets. It is of good size, handsome form, small top and very small tap root, extra fine quality, deep blood red and of quick, rapid growth. This new beet is a decided advantage over other varieties, and should be used by all those who grow early beets for market purposes and bunching.



It is by far a better forcing beet, both in frames and out-door culture, than the early Eclipse We can heartily recommend it to every market gardener.

	oz.	½ LB.	LB.		oz.	½ LB.	LB.
Crosby's Early Egyptian	10	25	65	Detroit Dark Red Turnip	10	25	60
Egyptian Blood Turnip	10	25	65	Half Long Blood	10	25	55
Eclipse Blood Turnip	10	25	60	Long Dark Blood	10	25	55
Early Blood Turnip	10	25	60	Swiss Chard	10	25	60



Culture for Mangel and Stock Beets.

The same culture of table beets applies to the mangel and stock beets, but they should be planted farther apart from row to row in order to admit of the horse cultivator. We cannot too strongly recommend mangels and sugar beets for feeding cattle, sheep and swine. The roots grow to a much larger size than turnips, making a much larger yield. They are also more nutritious and fattening for food during winter, largely increasing the yield of milk in cows. Sow the seed in rows two and a half or three feet apart at the rate of six to ten pounds to the acre. When the plants are two or three inches high, thin or cut out with the hoe to ten or twelve inches apart. The roots should be harvested before frost and stored in pits or the cellar the same as table beets.

SUGAR BEET FOR SUGAR MAKING

Vilmorin's Improved	20 20	\$1 00 1 00
SUGAR BEET FOR STOCK	FEED	ING
Giant Half Sugar	20 20 20 20 20	6 LBS. \$1 00 1 00 1 00 1 00

MANGEL WURZEL

	LB.	6 LBS.
Mammoth Long Red, Imp'd	20	\$1 00
Yellow Globe	20	1 00
Orange Globe	20	1 00
Golden Tankard	20	1 00
Yellow Leviathan	20	1 00
Red Globe	20	1 00



Danish Cabbage

We import our Danish Cabbage Seed direct from one of the oldest, most reliable and experienced growers in Denmark, and it has given splendid satisfaction for many years past. The extra cost for good seeds is but a small item per acre and should not be considered. The cabbage grown from our seed has proven beyond a question of doubt to be far superior as to solidity and excellent keeping quality as well as sure headers.



Photo engraving showing how the Cabbage looks in the field when full grown.





	OZ.	I L	B. LB.
Early Jersey Wakefield	20	75	\$2 75
Large Wakefield Charleston	20	75	2 75
Early Winningstadt	15	50	1 75
Henderson's Early Summer	20	60	2 00
Fottler's Imp. Brunswick	20	60	2 00
All Seasons.	20	65	2 25
Henderson's Succession	20	60	2 00
Early Flat Dutch	20	60	2 00
Premium Flat Dutch	20	60	2 00
Large Late Drumhead	20	60	2 00
Surehead	20	65	2 25
Danish Round Winter	20	75	2 50
Hollander	20	65	2 25
Mammoth Rock Red	20	65	2 25

True Snow Ball Cauliflower. We import this Seed from Demark, from one of the oldest and most reliable Cauliflower seed growers.

Price per oz. \$2.00, ½ lb. \$7.00, lb. \$24.00.

No. 1—Extra Early Forcing. No. 2-Oxheart.

No. 3—Improved Long Orange. No. 6—Chantenay Stump Rooted

No. 4—Danver's Half Long. No. 5—Nantes Half Long.

CARROT

The carrot should be extensively used, both for culinary and stock feeding. The vegetable is wholesome and nutritious. It is especially valuable for feeding horses and milch cows. The early varieties are used exclusively for the table, while the Half Long and Long Yellow varieties are used mostly for horses. The Mammoth White and Belgium varieties are used almost exclusively for cattle. A rich, sandy loam we consider the best soil for carrots, although any good land, if deeply worked, will produce a satisfactory crop.

TABLE CARROTS

LB. LB.
5 75
5 70
5 70
5 70
5 70
5 60

STOCK CARROTS

	OZ.	‡ LB.	LB.
Giant White Belgium	5	15	50
Orange Belgium	5	15	50
Improved Short White	$\bar{5}$	15	50

OZ. $\frac{1}{4}$ LB. LB.

CELERY



GOLDEN SELF-BLANCHING

\	, ,,,,	_ 00
. 18	5 40	1 50
_ 18	5 35	1 25
	5 40	1 50
. 15	5 35	1 25
. 15	5 40	1 50
	5 40	1 50
	5 40	1 50
. 5	15	40
	25	90
07	1 тр	LB.
5	15	40
5	15	40
40 8	§1 25	\$4 50
10	30	1 00
10	30	1 00
10	20	50
10	20	50
20	50	1 75
20	50	1 75
10	25	90
	18 18 18 18 18 18 18 18 18 18 18 18 18 1	$\begin{array}{cccccccccccccccccccccccccccccccccccc$



EARLY WHITE CORY



COUNTRY GENTLEMAN

Sweet Corn

	QT.	. P	K.	B	€,
Mammoth White Cory	25	\$1	25	\$4	50
White Cob Cory	25	1	25	4	50
Early Minnesota	20	1	10	4	00
Crosby's Early	20	1	25	4	50
Honey Dew	20	1	10	4	00
Perry's Hybrid	20	1	00	3	50
Black Mexican	20	1	10	4	00
Ferry's Evergreen	20	1	00	3	50
Stowell's Evergreen	20	1	00	3	50
Country Gentleman.	20	1	10	4	00
Golden Bantum	30	1	75	- 6	00

Davis Perfect Cucumber

Originated by Eugene Davis and introduced by us in 1906. Now recognized by expert cucumber growers everywhere as being the best cucumber for forcing under glass or growing out doors.

> Habit of growth vigorous and should not be planted as close together as other White Spine sorts. Fruit very dark, glossy, green; shape slim and symmetrical; average length about ten inches. Exceedingly crisp and tender, and seem to hold their color and freshness long after being cut. Not quite as early as some of the White Spine varieties, but will out-yield any of them and will sell when others are a drug on the market. The only cucumber for market gareners to grow for profit, and the best for the home garden.

CUCUMBERS



DAVIS PERFECT CUCUMBER

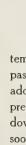
	OZ.	$\frac{1}{4}$ LB. LB	3.		OZ.	$\frac{1}{4}$ LB.	LB.
Davis Perfect	10	30 \$1	00	Chicago Pickling	10	25	80
Early Russian	10	25	80	Boston Pickling			75
Early Frame or Short Green	10	25	80	C C			90
Early Green Cluster		25	90 -	Improved Long Green			
Arlington White Spine	10	25	80	Small Gherkin "for pickles"			1 50
Improved White Spine	10	25	80	Cool and Crisp	10	30	90



GRAND RAPIDS FORCING

Lettuce

	OZ.	¹ / ₄ LB. LB.
Premium Cabbage	10	25 \$ 90
Early Curled Selesia	10	25 80
Hanson	10	25 - 90
Grand Rapids Forcing	15	50 1 50
Early Tennis Ball	10	25 90
Early Curled Simpson	10	25 80
Black Seeded Simpson	10	25 80
Prize Head	10	25 - 90
California Cream Butter	10	25 90
Big Boston	10	25 90
Denver Market	10	25 90
Silver Ball	10	25 90
May King	10	30 1 00
Early White Cabbage	10	25 80
· O		



Mushrooms

Mushrooms can be grown in any dark room or cellar, where the temperature can be maintained at 50 degrees to 60 degrees. From old pasture procure the soil and store it away. To one bushel of this soil add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed eight inches thick. It will soon become quite hot but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut in each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover it with two inches of fresh loam, and over this place four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mush-



The bed will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil. moisten with warm water. and cover with hav as before. Success is not always certain with the amateur, and is usually to be attained only after more or less experience. One pound of spawn is enough for a bed 3 x 6 feet.

GARDEN CITY, pure Lb. 10 Lbs. culture .15 \$1.25



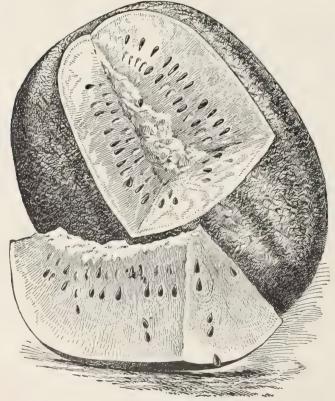
PAUL ROSE

This melon is a successful cross of the Osage with the Netted Gem and combines the sweetness of the former with the fine netting of the Gem. It has firmness of rind, structure of flesh peculiarly its own and is one of the finest melons of recent production. It is a good shipper and a long keeper. When melons are plentiful the Paul Rose has been known to sell at three times the price of other varieties. It is from ten days to two weeks earlier than the Osage. Its uniform shape is a great advantage to the shippers, as they can be placed in oblong baskets as shown in the photograph engraving. The seed we offer of this variety is from the original stock. Those who have not tried this melon will not make a mistake in planting it for early crop.

MUSK MELON

	OZ.	1 LB	. L	в.
Paul Rose	10	30	\$1	00
Rocky Ford	10	25		90
Osage	10	30	1	00
Extra Early Hackensack	10	25		90
Large Hackensack	10	25		90
Netted Gem	10	25		80

	OZ.	$\frac{1}{4}$ LE	. L	B.
Large Green Nutmeg	10	25	\$	90
Montreal Nutmeg	10	30	1	00
Emerald Gem	15	40	1	25
Grand Rapids Early Market	10	25		90
Tip Top	15	30	1	00
Vaughan's Osage, "Select"	20	70	2	50



SWEET HEART

WATER MELONS

	OZ.	1 LB.	LB.
Sweetheart	10	20	60
Vick's Early	10	20	60
Mountain Sweet	10	20	60
Florida Favorite	10	20	60
Phinney's Early	10	20	60
Cuban Queen	10	20	60
Kolb Gem	10	20	60
Peerless	10	20	60
Mammoth Iron Clad	10	20	60
Round Light Icing	10	20	60
Dark Icing	10	20	60
Mountain Sprout	10	20	6)
Black Spanish	10	20	60
Georgia Rattlesnake	10	20	60
Citron (for preserves)	10	20	60

ONION SEED

Having harvested a full crop of onion seed from extra select bulbs we are in a position to offer it at very low prices. The seed is not only of strong vitality but is the very highest quality. We most strongly advise the placing of early orders. PLEASE COMPARE

quantity. We most strongly acryise the placing of	carry	oracis.	1 131373		111 11111
OUR PRICES WITH OTHERS.	OZ.	$\frac{1}{4}$ LB.	LB.	5 LB.	10 гв.
Extra Early Flat Red	15	35	\$1 40	\$6 00	\$11 00
Large Red Wethersfield	15	35	1 25	5 00	9 00
Southport Red Globe (Select)	15	35	1 25	5 00	9 00
Yellow Globe Danvers (Select)	15	35	1 00	4 50	8 00
Michigan Yellow Globe	15	35	1 10	5 00	9 00
Yellow Strassburg	15	35	1 00	4 50	8 00
Yellow Danvers Flat	15	35	1 00	4 50	8 00
Mammoth Prize Taker.	15	35	1 25	5 00	9 00
White Globe Southport	20	60	$2 \ 00$	9 00	17 - 00
White Portugal or Silverskin	20	50	1 75	8 00	15 00
Early White Queen	15	35	$1 \ 25$	5 50	10 00
Mammoth Silver King	15	35	$1 \ 25$	5 50	10 00
Mammoth Silver King White Barletta	15	35	1 25	5 50	10 00



SOUTHPORT RED GLOBE

ONION SETS

Choice	White	Bu.	\$2	50
Choice	Reds	6.6	2	00
Choice	Yellows	66	2	00

Prices are subject to advance without notice.



Gradus or Prosperity

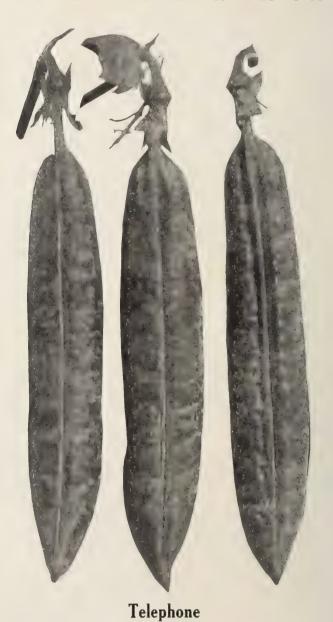
PEAS-Main Crop Sorts

	QT.	PK.		BU.	
Telephone	40	\$2	50	\$9	00
Alderman	40	2	50	9	00
Yorkshire Hero	30	2	00	7	00
Stratagem	30	2	25	8	00
Everbearing	35	2	25	8	00
Champion of England	35	2	25	8	00
Horsfords	30	2	00	7	00
Marrowfat	25	1	25	4	00
Sugar Edible Pods	30	2	00	7	00

PEAS-Early Sorts

(Garden Peas are the shortest crop in the history of the Seed Trade.)

	QT.	PK.		B	U.
Extra Early	30	\$2	00	\$7	00
First and Best	30	2	00	7	00
Alaska	25	1	75	6	00
American Wonder	40	2	50	9	00
Nott's Excelsior	40	2	50	9	00
Gradus	50	3	00		
Thomas Laxton	50	3	00		
McLean's Little Gem	40	2	25	8	00
Premium Gem	40	2	25	8	00





Large Bull Nose Pepper

PARSNIP

PARSNII	PARSNIP						
	OZ.	$\frac{1}{4}$ LB.	LB.				
Improved Hollow Crown	5	10	30				
PARSLE	Y						
Champion Moss Curled	5	15	50				
Tripple Curled		15	50				
PEPPER	•						
Ruby King	20	60	-2 - 00				
Large Bell or Bull Nose	20	60	$2 \ 00$				
Long Red Cayenne	20	60	$2 \ 00$				
Chinese Giant		1 00	3 00				
PUMPKII	N						
Canner's Pumpkin	5	15	30				
Large Cheese or Kentucky	5	15	35				
Sugar	5	15	40				
King of the Mammoths	10	25	85				
Conneticut Field	5	10	25				

PARSNIP





Wante -	ΟZ.	1 LB	LB.	5 LB.	10 LB.
Vick's Scarlet Globe	5	15	50	\$2 00	\$3 50
Half Long Bright Scarlet	5	15	45	2 00	3 50
Scarlet Turnip	5	15	4 0	1 75	3 00
Scarlet Turnip White Tip	5	15	50	-2 00	3 50
Early Round Dark Red	5	15	40	1 75	3 00
Long Scarlet Short Top	5	15	40	1 75	3 00
Wood's Early Frame	5	15	40	1 75	$3 \ 00^{\circ}$
French Breakfast	5	15	40	1 75	3 00
Beckert's Chartier	5	15	40	1 75	3 00
Philadelphia White Box	5	15	45	2 00	3 50
Early White Turnip	5	15	40	1 75	3 00
White Strasburg	5	15	45	2 00	3 50
Large White Summer	5	15	50	2 00	3 50
Long White Vienna	5	15	45	2 00	3 50
Icicle	5	15	50	2 00	3.50
Chinese Rose or Scarlet China	5	15	45	2 00	3 50
Long Black Spanish	5	15	45	2 00	3 50
Round Black Spanish	5	15	45	2 00	3 50
Half Long Black Winter	5	15	60	$2 \ 25$	4 00
Crimson Giant	5	15	50	2 00	3 50
Giant White Stuttgart	5	15	50	2 00	3 50

White Summer Crookneck



Rhubarb

Victoriaper	lb.	\$1	00
Rhubarb Roots ea	ach		10



DWARF CHAMPION

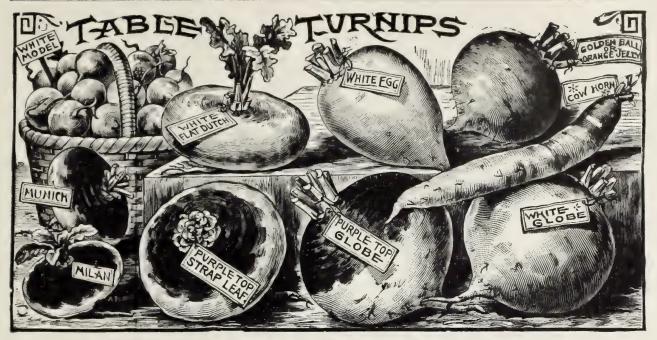
SQUASH

SUMMER VARIETIES

	OZ.	$\frac{1}{4}$ LB.	LB.			
Mammoth White Bush	10	25	70			
White Summer Crookneck	10	25	65			
Early Yellow Bush Scallop	10	25	65			
Early White Bush Scallop.	10	25	65			
Summer Crookneck	10	25	65			
Mammoth Summer Crook Neck	10	25	70			
The Faxon	10	25	80			
		_				
WINTER VARIE	TIE	5				
Hubbard, True Select	10	25	65			
Chicago Warty Hubbard	10	25	65			
Golden Hubbard	10	25	75			
Prolific Orange Marrow	10	25	70			
SPINACH						
Thick Leaf Summer	5	10	15			
Victoria Long Standing	5		15			
Bloomsdale	5	10	15			
10 lbs. for \$1.2						
SALSIFY						
White French	10	30	1 00			
Mammoth Sandwich Island	10	30	1 00			

TOMATO

	OZ.	$\frac{1}{4}$ LB.	LB.
Livingston's Globe	25	75	\$2 50
Earliana	25	75	2 50
Magnus	20	60	2 00
Honor Bright	20	60	2 00
Favorite	15	50	1 75
Beauty	15	50	1 75
Early Acme	15	50	1 75
Perfection	.15	50	1 75
Stone	20	60	$2^{\circ} 00$
Chalk's Early Jewel	20	60	2 00
Golden Queen	20	60	2 00
Dwarf Stone	30	1 00	3 50
Dwarf Champion	20	60	2 00
Trophy	15	50	1 75
Mikado	20	60	$2 \ 00$
Matchless	20	60	2 00
Ponderosa	25	85	3 00
Early Michigan	15	50	1 75
Red Cherry	20	60	2 00
Plum Shape	20	60	2 00
Large Yellow	20	60	2 00





AMERICAN PURPLE TOP RUTABAGA

TURNIPS

WHITE FLESHED SORTS

		OZ.	₫LB.	LB.
	Early White Flat Dutch	5	15	50
	Extra Early Purple Top Milan		25	
	WW77 4. WW *		15	
	White Egg Early Purple Top Strap Leaf			
	D. 1 The Avia Clai		15	
	Purple Top White Globe		15	50
	Long White Cow Horn		15	
	Sweet German	5	15	50
	Early White Stone	5		
	YELLOW FLESHED SO	RTS	3	
	Green Top Yellow Aberdeen	5	15	50
	Yellow Globe	5		50
	Early Yellow Stone		15	
	Robertson's Golden Ball	5	15	50
1	RUTABAGA OR SWED	ES		
	American Purple Top	5	15	40
	Carter's Imperial Purple Top		15	40
	Hall's Westbury		15	40
	Shinying's Liverneel			
	Shirving's Liverpool		15	
	White Sweet Russian		15	
	Laing's Purple Top	5	15	40
	Turnip in 5 lb. lots 45c; in 10	lb.	lots	or
	more 49c.			
	Rutabaga in 5 lb. lots 35c; in 10 lb. l	ots:	30c.	

SWEET HERBS

	OZ. I				LB.		OZ.	LI	в.
Anise			Horehound	15	\$2 00	Saffron	10	\$1	25
Basil, Sweet			Lavender			Sage, Broad Leaf			
Caraway, for Sowing	10	75	Majoram, Sweet	15	1 00	Savory, Summer			
Dill	10	60	Rosemary	25	2 75	Thyme, English			
Fennel, Sweet	10	65	Rue	15	2 00	Wormwood			



Field Corn

	B	l.
Picket Yellow Dent	\$2	00
Pride of the North	1	75
White Cap Yellow Dent	1	75
Michigan Yellow Dent	1	60
Early Huron Yellow Dent	1	75
Michigan White Dent	1	75
Eight Rowed Yankee	2	00
Smut Nose	2	00



Picket Yellow Dent

RED COB ENSILAGE CORN

Fodder Corn

	BU.
Red Cob Ensilage	\$1 25
Learning	1 50
Yellow Dent Fodder	1 25
Evergreen Sweet Fodder	2 50
Mixed Sweet Fodder	2 00



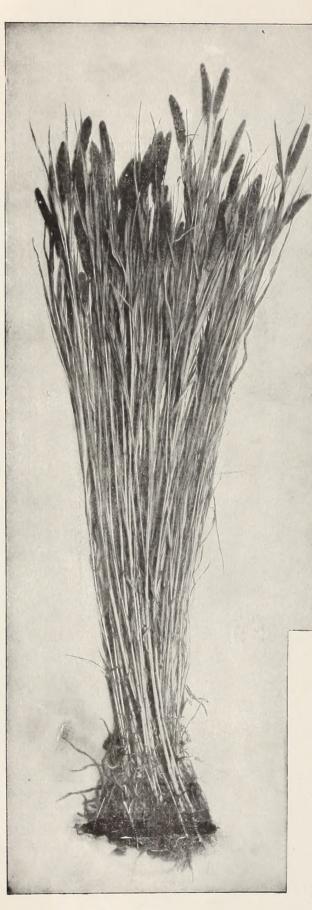
MICHIGAN EARLY WHITE DENT



TRUE SWEDISH OAT

After repeated trials for several years we find the Swedish Oat is by far the best oat for the Michigan farmer. The seed we offer is our own growing and we know they are pure The photo shown above was taken from an average bundle out of a field in East Paris, Kent. County, Michigan, about ten miles from Grand Rapids. **Price per bushel \$1.00.**

(Ask for special price on quantity)



GRASS SEED		
SUBJECT TO MARKET FLUCTUATION		
Timothy \$5 00 @ \$	do E	50
One hand Constant Con	GÇ	00 7~
Orchard Grass 2 50 @		75
Red Top, Choice Unhulled 2 00 @	2	25
Red Top, Fancy Solid Seed, per lb		20
Kentucky Blue Grass, Fancy, per lb		30
Lawn Grass, Fancy, per lb.		30
Lawn Grass, Choice, per lb.		25
COURT OF A SIL		
SEED GRAIN		
PRICES SUBJECT TO MARKET CHANGES		
Spring Rye	Per I	Bu.
Spring Wheet	DT.	75
Spring Wheat.		
Barley, Two Rowed	1	90
Barley, Six Rowed		
Buckwheat, Common	1	
Buckwheat, Japanese		25
Buckwheat, Silver Hull	1	25
MISCELLANEOUS SEED	S	
Per	100	Lbs.
Amber Sugar Cane	\$3	00
Kaffir Corn, White	2	00
Sand Vetches, per lb., 10c; per 100 lbs.		
1		

Po	er 100	Lbs.
Amber Sugar Cane	\$3	00
Kaffir Corn, White	2	00
Sand Vetches, per lb., 10c; per 100 lbs.	9	00
Dwarf Essex Rape, per lb. 7c; per 100 lbs.	6	00
Speltz, per bushel of 40 lbs.	1	00

MILLET AND HUNGARIAN GRASS

	Per Bu.	
Common Millet	\$1	50
German Millet	1	50
Hungarian	1	50
These prices subject to change.		

FIELD PEAS

	I CI	Du.
Canada Field, Good Quality	\$1	50
Canada Field, Extra Choice Quality	1	80

COW PEAS

Whippoorwill	4	00
Mixed Varieties	3	75



SUITABLE SOIL. Sandy or gravelly soil with a porous sub-soil which will permit the penetration of the root is considered generally to be the most suitable soil for Alfalfa. Avoid low, cold, wet lands; also high, wet lands such as seepy hillsides. An impenetrable hard-pan sub-soil is very undesirable.

latter part of May; the second in July.

TIME OF SEEDING. May and June seeding seem to give the best general results although successful seeding in July, even up to August 1st, has been accomplished. Sow from 15 to 20 lbs. to the acre broadcast, followed by very light discing or harrowing, or both, as the conditions may demand, on well prepared loam soil. On light, sandy soil, which is apt to drift or dry out quickly, the seed sowed should be imbedded to a greater depth.

QUALITY OF SEED. We most strongly urge the sowing of northern grown American seed of the best quality obtainable. It costs a little more to seed per acre but it is worth much more.

We do not favor a nurse crop, but if a nurse crop is used do not sow but one-half to two-thirds as much seed. For further information write to Michigan Agricultural College, East Lansing, Michigan, for Bulletin No. 225.

VALUABLE TABLE

Seed requisite to produce a given number of Plants, and sow a given amount of ground.

	Quantity	
	per acre	
Asparagus, 1 oz. to 200 pla	ants 5 lbs.	
Barley	21/2 bu	
Beans, drawf, 1 quart to 150	feet of	
drill	1 bu.	
Beans, pole, 1 quart to 200	hills 1/2 bu.	
Beet, garden, 1 oz. to 100 fe	et of drill. 10 lbs.	
Beet, mangel, 1 oz. to 150 fe		
Broccoli, 1 oz. to 3000 plan		
Broom Corn		
Buckwheat		
Cabbage, 1 oz. to 3000 plant	ts 5 oz.	
Carrott, 1 ozto 250 feet of		
Cauliflower, 1 oz. to 3000 p	plants 5 oz.	
Celery, 1 oz. to 10,000 plan	its 4 oz	
Clover, Alsike and White		
" Alfalfa, Crimson		
" Medium and Mamme	oth 10 lbs.	
Collards, 1 oz. to 2500 plan	ats 6 oz.	
Corn, sweet, 1 quart to 500	hills 8 qts.	
Cress, 1 oz. to 150 feet of		
Cucumber, 1 ozto 80 hills		
Egg Plant, 1 oz. to 2000 pl		
Endive, 1 oz. to 300 feet of	drill 3 lbs.	
Flax, broadcast	½ bu.	
Garlic, bulbs, 1 lb. to 10 fee	t of drill	
Gourd, 1 oz. to 25 hills	2½ lbs.	
Grass, Blue Kentucky	2 bu.	
" Plus English	1 bu.	
" Blue English	let 3/4 to 1 bu.	
" Hungarian and Mill	1et94 to 1 bu.	
" Mixed Lawn	D D 1	
Orchard, Perennial	Kye, Ked	
Top, Fowl Meadow		
Meadow	2 bu.	

	Quan	ntity
	per	acre
Hemp	1/2	bu.
Kale, 1 oz. to 3000 plants	. 4	oz.
Kohl-Rabi, 1 oz. to 200 feet of drill	. 11/2	lbs.
Lettuce, 1 oz. to 250 feet of drill		lbs.
Melon, Musk, 1 oz. to 100 hills		lbs.
Melon, Water, 1 oz to 25 hills		lbs.
Nasturtium, 1 oz. to 50 feet of drill		lbs.
Oats		bu.
Onion Seed, 1 oz. to 200 feet of drill.		lbs.
Onion Seed, for sets		1bs
Onion Sets, 1 quart to 20 feet of drill.	. 8	bu.
Parsnip, 1 oz. to 250 feet of drill		lbs.
Parsley, 1 oz. to 250 feet of drill	. 8	lbs.
Peas, garden, 1 qt. to 150 feet of drill.	2	bu.
Peas, field		bu.
Pepper, 1 oz. to 1500 plants	. 4	OZ.
Potatoes		bu.
Pumpkin, 1 quart to 300 hills		qts.
Radish, 1 oz. to 150 feet of drill	. 8	lbs.
Rve	11/2	bu.
Salsify, 1 oz. to 60 feet of drill	. 8	lbs.
Spinage, 1 oz. to 150 feet of drill		lbs.
Summer Savoy, 1 oz. to 500 feet of dri	11 2	lbs.
Squash, summer, 1 oz, to 40 hills	. 2	lbs.
Squash, winter, 1 oz. to 10 hills		lbs
Tomato, 1 oz. to 3000 plants		OZ.
Tobacco, 1 oz. to 5000 plants	. 2	OZ.
Turnip, 1 oz. to 250 feet of drill		lbs.
Vetches,	. 2	bu.
Wheat	1 to :	bu.

Number of Plants or Trees to the Acre at given distances.

Dis. apart No. Plants	Dis. apart No. Plants
½ foot174,240	3 feet by 3 feet 4,840
1 foot 43,560	4 feet by 1 foot 10,888
1½ feet 19,360	4 feet by 2 feet 5,444
2 feet 10,890	4 feet by 3 feet 3,629
2½ feet 6,969	4 feet by 4 feet 2,722
3 feet by 1 foot 14,520	5 feet by 5 feet 1,742
3 feet by 2 feet 7.260	

ī			0-				
	Di	s. apart N	o. F	Pl_nts	Dis. apart	No. Pl	lants
	6	feet		1,210	12 feet		302
	7	feet		889	15 feet		193
	8	feet		680	18 feet		134
	9	feet		573	20 feet		108
	10	feet		435	25 feet		69
	11	feet		360	30 feet		49

Standard Weight of Various Articles.

Applesper	bush	48	lbs.	
Apples, dried	66	22	66	
Barley	**	48	66	
Beans	"	60	44	
Buckwheat	44	48	"	
Broom Corn	66	46	"	
Blue Grass, Kentucky	"	14	66	
Blue Grass, English	66	24	66	
Bran	66	20	"	
Canary Seed	"	60	66	
Castor Beans	46	46	66	
Clover Seed	66	60	66	
Corn, shelled	66	56	66	
Corn, on ear	66	70	"	
Corn Meal	**	50	"	
Dried Peaches	"	28	46	
Flax Seed	***	56	66	
Hemp Seed	"	44	66	
Hungarian Grass Seed	**	50	**	
Irish Potatoes	ee	60	66	
Millett	- 11	50	"	
Malt	11	38	44	
	**	32	60	
OatsOrchard Grass	46	14	46	
Oldiald Glass		- 4		

Onions per b	ush	56	lbs
	"	60	"
Peas	"		-
Rape		50	
Rye	"	56	46
Red Top Seed	44	14	66
Salt Coarse	44	50	66
	**		"
Salt, Michigan	"	56	**
Sweet Potatoes		56	
Timothy Seed	"	45	86
Turnips	"	58	"
	46	60	46
Wheat		-	66
Beef and pork, per bbl., net		000	"
Flour, per bbl., net		196	
Salt, per bbl		089	46
Lime, per bbl		220	"
Una mall settled nor subject foot		41	12"
Hay, well settled, per cubic foot	٠.		2 "
Corn, on cob, in bin per cubic foot		22	**
Corn, shelled, in bin, per cubic foot.		45	
Wheat, in bin, per cubic foot		48	**
Oats, in bin, per cubic foot		25	13"
		95	"
Sand, dry, per cubic foot	٠.		**
Clay, compact, per cubic foot		135	**
Seasoned Beech Wood, per cord	5	616	
Seasoned Hickory, per cord	65	960	44
Demonited animaly) per constitution			